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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2010; month=1; day=27; hr=11; min=16; sec=12; ms=291;]

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Application No: 10593413 Version No: 3.0

Input Set:

Output Set:

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Finished: 2010-01-14 11:54:57.264
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 210 ms
Total Warnings: 9
Total Errors: 0
No. of SeqIDs Defined: 11
Actual SeqID Count: 11

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W 213	Artificial or Unknown found in <213> in SEQ ID (11)

SEQUENCE LISTING

<110> Kim, Hyo-Joon

<120> ANTI-OBESE IMMUNOGENIC HYBRID POLYPEPTIDES AND ANTI-OBESE VACCINE
COMPOSITION COMPRISING THE SAME

<130> 0220.00002

<140> 10593413

<141> 2010-01-14

<160> 11

<170> PatentIn version 3.5

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<213> Artificial Sequence

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<223> Synthesized

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Arg Phe Arg Gly Leu Ile Ser Leu Ser Gln Val Tyr Leu Asp Pro
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cctatcttca atgatgttta ttggattgca ttccctcgacc gtaatgttcc tcctatcttc 180

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Val Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala
1 5 10 15

Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile
20 25 30

Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp
35 40 45

Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr
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Trp Ile Ala Phe
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<213> Hepatitis B virus

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<211> 59

<212> PRT

<213> Hepatitis B virus

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Met Gln Trp Asn Ser Thr Thr Phe His Gln Ala Leu Leu Asp Pro Arg

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Val Arg Gly Leu Tyr Phe Pro Ala Gly Gly Ser Ser Ser Gly Thr Val

20 25 30

Asn Pro Val Pro Thr Thr Ala Ser Pro Ile Ser Ser Ile Phe Ser Arg

35 40 45

Thr Gly Asp Pro Ala Pro Asn Leu Glu Arg Ser

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atcttcaatg atgtttattg gattgcattc ctcgaccgt aatgttcctc tttttcaat 180

gatgtttattt ggattgcattt ctcgaccgtt aatgttcctc tttttcaat tttttttat 240

tggattgcattt tcctcgacat gcagtggaaac tccaccacat tccaccaagc tctgctagat 300

cccaaggtga ggggcctata ttttcctgct ggtggctcca gttccggaaac agtaaaccct 360

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Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr
35 40 45

Trp Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp Val
50 55 60

Tyr Trp Ile Ala Phe Leu Asp Arg Asn Val Pro Pro Ile Phe Asn Asp
65 70 75 80

Val Tyr Trp Ile Ala Phe Leu Asp Met Gln Trp Asn Ser Thr Thr Phe
85 90 95

His Gln Ala Leu Leu Asp Pro Arg Val Arg Gly Leu Tyr Phe Pro Ala
100 105 110

Gly Gly Ser Ser Ser Gly Thr Val Asn Pro Val Pro Thr Thr Ala Ser
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Pro Ile Ser Ser Ile Phe Ser Arg Thr Gly Asp Pro Ala Pro Asn Leu
130 135 140

Glu Arg Ser

145

<210> 10

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tatttcctg ctgggtggctc cagttccgga acagtaaacc ctgttccgac tactgcctca 180
cccatatcgt caatcttctc gaagactggg gaccctgcac cgaacctcga ccgtaatgtt 240
cctcctatct tcaatgatgt ttattggatt gcattcctcg accgtaatgt tcctcctatc 300
ttcaatgatg tttattggat tgcattcctc gaccgtaatg ttcctcctat cttcaatgat 360
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20 25 30

Leu Asp Pro Arg Val Arg Gly Leu Tyr Phe Pro Ala Gly Gly Ser Ser
35 40 45

Ser Gly Thr Val Asn Pro Val Pro Thr Thr Ala Ser Pro Ile Ser Ser
50 55 60

Ile Phe Ser Leu Thr Gly Asp Pro Ala Pro Asn Leu Asp Arg Asn Val
65 70 75 80

Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe Leu Asp Arg Asn
85 90 95

Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe Leu Asp Arg
100 105 110

Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe Leu Asp
115 120 125

Arg Asn Val Pro Pro Ile Phe Asn Asp Val Tyr Trp Ile Ala Phe

130

135

140